

MODIFICATIONS TO CLAIM STATUS

In complete response to the Examiner's Requirement for Restriction, dated 12/30/2003, the Applicant hereby elects group I.

In accordance with the PTO's revised Response format, a detailed listing of all claims has been provided. This listing of claims will replace all prior versions, and listings, of claims in the application.

By way of overview, claims 1—38, 50—51, 64 and 68—69 are currently pending. Of these pending claims:

- A) Claims 1—38, 50—51, 64 and 68—69 remain in their original form;
- B) No claims have been amended;
- C) No claims were previously added; and
- D) Claims 39—49, 52—63, 65—67 and 70—80 are currently withdrawn.

Listing of Claims

1. (Original.) A method comprising:
presenting a word processing table within a document; and
exhibiting spreadsheet features together with the word processing table when a user is editing the word processing table.
2. (Original.) The method of claim 1, wherein the document is a markup document, and the presenting comprises rendering the markup document.

1 3. (Original.) The method of claim 1, wherein the word processing table has rows
2 and columns, and the exhibiting comprises depicting row headers for the rows and
3 column headers for the columns.

4
5 4. (Original.) The method of claim 1, wherein the word processing table has rows
6 and columns, and the exhibiting comprises depicting a row addition control for
7 adding one or more rows to the word processing table and a column addition
8 control for adding one or more columns to the word processing table.

9
10 5. (Original.) The method of claim 1, further comprising:
11 determining, upon selection of a cell in the word processing table, a type of
12 contents in the cell; and
13 interpreting user entry based upon the type of contents in the cell.

14
15 6. (Original.) The method of claim 5, wherein the determining comprises:
16 evaluating whether the type of contents is a formula or non-text data;
17 if the type of contents is a formula or non-text data, interpreting the user entry as
18 applicable to spreadsheet functions; and
19 if the type of contents is not a formula or non-text data, interpreting the user entry
20 as applicable to word processing functions.

21
22 7. (Original.) The method of claim 5, wherein the determining comprises:
23 evaluating whether the type of contents is a formula;
24
25

1 if the type of contents is a formula, highlighting all of the formula and allowing
2 editing in a formula edit box; and

3 if the type of contents is not a formula, placing a cursor in the cell.
4

5 8. (Original.) The method of claim 1, wherein the word processing table has
6 multiple cells, the method further comprising overlaying a formula edit box on a
7 particular cell in the table to facilitate user entry of a formula into the particular
8 cell.
9

10 9. (Original.) The method of claim 8, further comprising resizing the formula edit
11 box as the user enters the formula, while maintaining the particular cell and table
12 as a whole at a constant size.
13

14 10. (Original.) The method of claim 1, further comprising:
15 presenting multiple word processing tables; and
16 enabling a user to reference a cell in a first word processing table when entering a
17 formula in a cell in a second word processing table.
18

19 11. (Original.) The method of claim 1, further comprising:
20 presenting a free floating field; and
21 enabling a user to reference a cell in the word processing table when entering a
22 formula into the free floating field.
23

24 12. (Original.) The method of claim 1, further comprising:
25

1 modifying a value in a cell of the word processing table; and
2 upon modification, automatically recalculating any formula in the word
3 processing table that is affected by the modification.
4

5 13. (Original.) A computer readable medium having computer-executable
6 instructions that, when executed on one or more processors, perform the method
7 as recited in claim 1.
8

9 14. (Original.) A method comprising:
10 presenting a word processing table, the table having multiple cells; and
11 overlaying a formula edit box on a particular cell in the table to facilitate user
12 entry of a formula into the particular cell.
13

14 15. (Original.) The method of claim 14, wherein the formula edit box initially
15 defaults to a size and shape of the particular cell in the table.
16

17 16. (Original.) The method of claim 14, further comprising resizing the formula edit
18 box as the user enters the formula.
19

20 17. (Original.) The method of claim 14, further comprising resizing the formula edit
21 box as the user enters the formula, while maintaining the particular cell and table
22 at a constant size.
23
24
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1 18. (Original.) The method of claim 14, further comprising extending the formula
2 edit box horizontally and subsequently enlarging the formula edit box vertically
3 as the user enters the formula.

4
5 19. (Original.) The method of claim 14, further comprising enabling a user to
6 reference another cell in the table to add a reference to the formula.

7
8 20. (Original.) The method of claim 14, further comprising:
9 presenting multiple tables; and
10 enabling a user to reference a cell in another table to add a variant to the formula.

11
12 21. (Original.) The method of claim 14, further comprising:
13 presenting a free floating field; and
14 enabling a user to reference the free floating field to add a variant to the formula.

15
16 22. (Original.) A computer readable medium having computer-executable
17 instructions that, when executed on one or more processors, perform the method
18 as recited in claim 14.

19
20 23. (Original.) A method comprising:
21 presenting first and second tables, the first table having a first cell with contents;
22 and
23 enabling a user to reference the first cell in the first table when entering a formula
24 in a second cell in the second table.

25

1
2 24. (Original.) The method of claim 23, wherein the first and second tables resemble
3 a spreadsheet when being edited.

4
5 25. (Original.) The method of claim 23, wherein the first and second tables reside in
6 separate documents.

7
8 26. (Original.) The method of claim 23, wherein the enabling comprises facilitating
9 user selection of the first cell using a pointer to reference the first cell.

10
11 27. (Original.) The method of claim 23, further comprising overlaying a formula edit
12 box on the second cell in the second table to facilitate user entry of the formula
13 into the second cell.

14
15 28. (Original.) The method of claim 23, further comprising nesting the first table
16 within a cell in the second table.

17
18 29. (Original.) The method of claim 23, further comprising, upon modification of the
19 contents in the first cell of the first table, automatically recalculating the formula
20 in the second cell of the second table.

21
22 30. (Original.) The method of claim 23, further comprising:
23 presenting a free floating field; and
24 enabling a user to reference a cell in one of the first and second tables.
25

1
2 31. (Original.) A computer readable medium having computer-executable
3 instructions that, when executed on one or more processors, perform the method
4 as recited in claim 23.

5
6 32. (Original.) A method comprising:
7 presenting first and second tables; and
8 constructing a formula in the second table that references contents in the first
9 table.

10
11 33. (Original.) The method of claim 32, wherein the first and second tables are within
12 a common document.

13
14 34. (Original.) The method of claim 32, further comprising nesting the first table
15 within a cell in the second table.

16
17 35. (Original.) The method of claim 32, further comprising, upon modification of the
18 contents in the first table, automatically recalculating the formula in the second
19 table.

20
21 36. (Original.) The method of claim 32, further comprising facilitating user selection
22 of a cell in the first table using a pointer to create a variant in the formula.

23
24 37. (Original.) The method of claim 32, further comprising:
25

1 presenting a free floating field; and

2 constructing a formula in the free floating field that references contents in one of
3 the first and second tables.

4
5 38. (Original.) A computer readable medium having computer-executable
6 instructions that, when executed on one or more processors, perform the method
7 as recited in claim 32.

8
9 39. (Withdrawn.) A method comprising:
10 presenting first and second spreadsheet tables, the spreadsheet tables supporting
11 spreadsheet functionality; and
12 nesting the first table within the second table.

13
14 40. (Withdrawn.) The method of claim 39, further comprising constructing a formula
15 in the second table that references contents in the first table.

16
17 41. (Withdrawn.) The method of claim 40, further comprising, upon modification of
18 the contents in the first table, automatically recalculating the formula in the
19 second table.

20
21 42. (Withdrawn.) A computer readable medium having computer-executable
22 instructions that, when executed on one or more processors, perform the method
23 as recited in claim 39.

24

25

1 43. (Withdrawn.) A method comprising:
2 presenting a table user interface (UI), the table UI resembling a table when not
3 being edited and adding spreadsheet elements to the table when being
4 edited;
5 enabling a user to enter data and one or more formulas into the table UI; and
6 upon modification of the data or one or more formulas in the table, automatically
7 recalculating any of the one or more formulas affected by the modification
8 and presenting the table UI with results from the recalculating.

9
10 44. (Withdrawn.) The method of claim 43, wherein the presenting comprises
11 rendering the table UI as an HTML table.

12
13 45. (Withdrawn.) The method of claim 43, further comprising overlaying a formula
14 edit box on the table UI to facilitate user entry of a formula into the table UI.

15
16 46. (Withdrawn.) The method of claim 43, further comprising:
17 presenting a free floating field user interface (UI); and
18 enabling a user to enter a formula into the free floating field UI that references
19 contents of the table UI.

20
21 47. (Withdrawn.) The method of claim 46, further comprising upon modification of
22 the contents of the table, automatically recalculating the formula in the free
23 floating field UI.
24
25

1 48. (Withdrawn.) The method of claim 43, wherein the table UI is a first table UI,
2 and further comprising:
3 copying the first table UI and pasting to form a second table UI; and
4 automatically updating the formulas in the first and second table UI to make
5 appropriate references.

6
7 49. (Withdrawn.) A computer readable medium having computer-executable
8 instructions that, when executed on one or more processors, perform the method
9 as recited in claim 43.

10
11 50. (Original.) A method comprising:
12 displaying a document with both text and a spreadsheet table, the spreadsheet
13 table resembling a word processing table in appearance and supporting
14 spreadsheet functionality; and
15 enabling a user to format the text according to a particular format; and
16 formatting cells in the spreadsheet table according to the particular format.

17
18 51. (Original.) A computer readable medium having computer-executable
19 instructions that, when executed on one or more processors, perform the method
20 as recited in claim 50.

21
22 52. (Withdrawn.) A method comprising:
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1 displaying a document with both text and a spreadsheet table, the spreadsheet
2 table resembling a word processing table in appearance and supporting
3 spreadsheet functionality; and
4 enabling a user to evaluate the text and the spreadsheet table for possible spelling
5 or grammatical errors via actuation of a single control.
6

7 53. (Withdrawn.) A computer readable medium having computer-executable
8 instructions that, when executed on one or more processors, perform the method
9 as recited in claim 52.
10

11 54. (Withdrawn.) A method comprising:
12 displaying a document with both text and a spreadsheet table, the spreadsheet
13 table resembling a word processing table in appearance and supporting
14 spreadsheet functionality; and
15 enabling a user to select a control function to modify or evaluate an aspect of the
16 document; and
17 applying the control function across both the text and the spreadsheet table.
18

19 55. (Withdrawn.) The method of claim 54, wherein the control function is selected
20 from a group of functions including formatting, spell checking, grammar
21 checking, find, find and replace, auto-correct, applying document themes,
22 inserting lists, images, drawings, charts, hyperlinks, automatic detection of
23 hyperlinks, and list autodetection.
24
25

1 56. (Withdrawn.) The method of claim 54, wherein the control function is any text
2 feature that can be applied to the text and the applying comprises applying that
3 text feature to the spreadsheet table.

4
5 57. (Withdrawn.) A computer readable medium having computer-executable
6 instructions that, when executed on one or more processors, perform the method
7 as recited in claim 54.

8
9 58. (Withdrawn.) A user interface comprising:
10 a table residing within a document, the table having multiple cells; and
11 a formula edit box overlaid on a particular cell in the table to facilitate user entry
12 of a formula into the particular cell.

13
14 59. (Withdrawn.) The user interface of claim 58, wherein the cells are arranged in
15 rows and columns, and the table has row headers to identify the rows of cells and
16 column headers to identify the columns of cells.

17
18 60. (Withdrawn.) The user interface of claim 58, wherein the cells are arranged in
19 rows and columns, and the table has a row addition control for adding one or
20 more rows to the table and a column addition control for adding one or more
21 columns to the table.

22
23 61. (Withdrawn.) The user interface of claim 58, wherein the formula edit box
24 initially defaults to a size and shape of the particular cell in the table.
25

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2 62. (Withdrawn.) The user interface of claim 58, wherein the formula edit box
3 dynamically resizes as the user enters the formula.

4
5 63. (Withdrawn.) The user interface of claim 58, wherein the formula edit box
6 extends horizontally and subsequently enlarges vertically as the user enters the
7 formula.

8
9 64. (Original.) A user interface comprising:
10 a table having rows and columns of cells;
11 a row addition control adjacent a lowermost row in the table, the row addition
12 control facilitating addition of one or more rows to the table; and
13 a column addition control adjacent an outermost column in the table, the column
14 addition control facilitating addition of one or more columns to the table.

15
16 65. (Withdrawn.) A user interface comprising:
17 multiple tables, each table having multiple cells; and
18 an entry tool to facilitate entry of a formula in a first table that references contents
19 in a second table.

20
21 66. (Withdrawn.) The user interface of claim 65, wherein the entry tool comprises a
22 formula edit box overlaid on a particular cell in the first table to facilitate user
23 entry of the formula into the particular cell.
24
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1 67. (Withdrawn.) The user interface of claim 65, wherein the entry tool comprises
2 referencing a particular cell in the second table using a pointer and adding a
3 variable to the formula that references the particular cell.
4

5 68. (Original.) A user interface comprising:
6 a first spreadsheet table supporting spreadsheet functionality and having multiple
7 cells; and
8 a second spreadsheet table nested within a cell of the first table.
9

10 69. (Original.) The user interface of claim 68, wherein one of the first and second
11 tables contains a formula referencing contents of the other of the first and second
12 tables.
13

14
15 70. (Withdrawn.) An architecture comprising:
16 a user interface to present at least one table;
17 a table appearance manager to manage how a table appears in the user interface
18 such that the table resembles a table when not being edited and adds
19 spreadsheet elements to the table when being edited; and
20 a spreadsheet functionality manager to manage spreadsheet functions for the
21 table.
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1 71. (Withdrawn.) The architecture of claim 70, wherein the user interface overlays a
2 formula edit box on a particular cell in the table to facilitate user entry of a
3 formula into the particular cell.

4
5 72. (Withdrawn.) The architecture of claim 70, wherein the table appearance
6 manager comprises:
7 a table component to support editing functionality of the table; and
8 a spreadsheet component to receive data and formulas input into the table.

9
10 73. (Withdrawn.) The architecture of claim 70, wherein the spreadsheet functionality
11 manager comprises:
12 a cell table to maintain data values and formulas used in the table; and
13 a format table to maintain formatting information used in the table.

14
15 74. (Withdrawn.) The architecture of claim 70, wherein the spreadsheet functionality
16 manager comprises:
17 a cell table to maintain data values and formulas used in the table; and
18 a recalculation engine to recalculate the formulas following a change to a data
19 value or formula in the cell table.

20
21 75. (Withdrawn.) The architecture of claim 70, wherein the user interface presents
22 multiple tables, and the spreadsheet functionality manager is configured to track
23 references made from one table to another table.

24

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1 76. (Withdrawn.) The architecture of claim 70, wherein the user interface presents
2 multiple tables, and the spreadsheet functionality manager is configured to
3 maintain data and formulas for the multiple tables and track references made from
4 one table to another table, the spreadsheet functionality manager being further
5 configured to update any data and formulas in the multiple tables that is affected
6 by a change made to one of the tables.

7
8 77. (Withdrawn.) A computer readable medium having computer-executable
9 instructions that, when executed on one or more processors, performs the
10 following:

11 present first and second tables; and

12 create a reference from the first table to contents of the second table; and

13 upon modification of the contents in the second table, update the first table.
14

15 78. (Withdrawn.) The computer readable medium of claim 77, further comprising
16 computer-executable instructions to overlay an entry field on a particular cell in
17 the table to facilitate user entry of a formula into the particular cell.
18

19 79. (Withdrawn.) The computer readable medium of claim 77, further comprising
20 computer-executable instructions to present a free floating field and create a
21 reference from the free floating field to one of the first and second tables.
22

23 80. (Withdrawn.) The computer readable medium of claim 77, further comprising
24 computer-executable instructions to nest the first table within the second table.
25